Fig. 1

24: Magnetic-field modulation driver

23: Data modulator/demodulator

30: Servo circuit

20: Memory

21: Error correction coder/decoder

22: Driver control microcomputer

17: Memory

18: Memory controller

19: System control microcomputer

26: Operation section

15: File generator

16: File decoder

11: Video coder ← Video input

12: Audio coder ← Audio input

13: Video decoder → Video output

14: Audio decoder → Audio output

Fig. 3

0: Property entry flag

2: Data size

4: Entry number

6: Next extends entry

8: Thumbnail image entry index

12: Text entry index

14: Parent entry number

16: Play order

18: Basic property data

56: Extension data

Fig. 4

23:13: Reserved

10:5: Reserved

3:0: Property entry type

Fig. 5

Property entry type

0: File property entry

1: Shadow file property entry

2: Original folder property entry

3: Favorite folder property entry

4: File extends entry

5: Shadow file property extends entry

6: Original folder property extends entry

7: Favorite folder property extends entry

8:15: Reserved

Fig. 6

0: Format brand

4: Media profile

8: Contents status flags

12: Generation time

16: Modification time

20: Duration

14: Binary file identifier

32: File size

36: Referred counter

Fig. 7

0: Size

2: Type

Fig. 8

8: File size

12: Referenced file count

Fig. 9

ABCD0001.MOV Property file

(Resource file) File property entry

ABCD0001.MPG File extends entry

(Moving picture file) (Property entry header)

ABCD0001.MP3 (Property File Extension

(Audio file) Data Unit Payload)

Fig. 10

0: Size

2: Type

4: Owner ID

6: Application ID

Fig. 11

0: Size

2: Type

4: Entry number

Fig. 13

0: Size

2: Type

4: Private index file count

6: Private index file information [N]

Fig. 14

0: Owner information

4: Private index file name

Fig. 15

Index file

List of private index files Private index file - A

Property entry - 1 → Private index data - A1

Property entry - 2 → Private index data - A2

Property entry - N → Private index data - AN

Private index file - B

Private index data - B1

Private index data - B2

Private index data - BN

Fig. 16

0: Size

2: Type

Fig. 17

SP1: Start

SP2: Load index file

SP3: To beginning

SP4: File?

SP7: Is file size OK?

SP9: Is bit rate OK?

SP10: Set reproducible state

SP8: Set irreproducible state

SP5: Completed?

SP6: To next

SP11: End

Fig. 18

SP21: Start

SP22: Load index file

SP23: To beginning

SP24: Does video file exist?

SP28: Is owner ID OK?

SP25: Does thumbnail text exist?

SP27: Display

SP29: Is application ID OK?

SP30: Reproduce video file

SP26: End

DESCRIPTION OF REFERENCE NUMERALS

1: --- Optical disk drive

2: --- Optical disk

11: --- Video coder

12: --- Audio coder

13: --- Video encoder

14: --- Audio encoder

15: --- File generator

16: --- File decoder

17, 20: --- Memory

18: --- Memory controller

19: --- System control microcomputer

21: --- Error correction coder/decoder

22: --- Driver control microcomputer

23: --- Data modulator/demodulator

24: --- Magnetic-field modulation driver

26: --- Operation section

30: --- Servo circuit

31: --- Spindle motor

32: --- Magnetic-field head

33: --- Optical pickup